

# ELATION KL FRESNEL 6 FC - DMX TRAITS

CHANNEL						DMX VALUES	FUNCTION
1ch Dim.	6ch Dim. Color	11ch St.	18ch Ext.	9ch CMY	14ch CMY Ext.		
1	1	1	1	1	1	000 - 255	<b>Dimmer</b> , 0% to 100%
	2	2	2	2	0	000 - 255	<b>Dimmer Fine</b>
	3	3	3	3	3		<b>Shutter, strobe</b>
						000 - 031	Shutter closed
						032 - 063	No function (shutter open)
						064 - 095	Strobe effect, slow to fast
						096 - 127	No function (shutter open)
						128 - 159	Pulse effect in sequences
						160 - 191	No function (shutter open)
						192 - 223	Random strobe effect, slow to fast
					224 - 255	No function (shutter open)	
				4	4	000 - 255	<b>Cyan</b> , 0% to 100%
					5	000 - 255	<b>Cyan Fine</b>
				5	6	000 - 255	<b>Magenta</b> , 0% to 100%
					7	000 - 255	<b>Magenta Fine</b>
				6	8	000 - 255	<b>Yellow</b> , 0% to 100%
					9	000 - 255	<b>Yellow Fine</b>
		4	4			000 - 255	<b>Red</b> , 0% to 100%
			5			000 - 255	<b>Red Fine</b>
		5	6			000 - 255	<b>Green</b> , 0% to 100%
			7			000 - 255	<b>Green Fine</b>
		6	8			000 - 255	<b>Blue</b> , 0% to 100%
			9			000 - 255	<b>Blue Fine</b>
		7	10			000 - 255	<b>Mint</b> , 0% to 100%
			11			000 - 255	<b>Mint Fine</b>
		8	12			000 - 255	<b>Amber</b> , 0% to 100%
			13			000 - 255	<b>Amber Fine</b>
	4	9	14	7	10		<b>CTO</b>
						000 - 023	Open
						024 - 085	CTO, 2400K - 8500K (see <b>Color Temperature</b> section of this manual)
						086 - 255	8500K

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1ch Dim.	6ch Dim. Color	11ch St.	18ch Ext.	9ch CMY	14ch CMY Ext.		
5	10	15	8	11		<b>Color Wheel</b>	
					000	Open	
					001 - 179	Virtual Swatch Book (see <b>Virtual Colors</b> section of this manual)	
						<b>Color Scroll</b>	
					180 - 201	Clockwise, fast to slow	
					202 - 207	Stop	
					208 - 229	Counter-clockwise, slow to fast	
					230 - 234	Open	
						<b>Random Slots</b>	
					235 - 239	Fast	
					240 - 244	Medium	
					245 - 249	Slow	
					250 - 255	Open	
16				12		<b>Green Shift</b>	
					000	Idle	
					001 - 127	Full Minus Green to Neutral	
					128	Neutral White	
					129 - 255	Neutral to Full Plus Green	
17				13		<b>Dim Modes</b>	
					000 - 020	Standard	
					021 - 040	Stage	
					041 - 060	TV	
					061 - 080	Architectural	
					081 - 100	Theatre	
					101 - 120	Stage 2	
						<b>Dimmer Delay Time</b>	
					121	0s	
					122	0.1s	
					123	0.2s	
					124	0.3s	
					125	0.4s	
126	0.5s						
127	0.6s						
128	0.7s						

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1ch Dim.	6ch Dim. Color	11ch St.	18ch Ext.	9ch CMY	14ch CMY Ext.		
			17		13		<b>Dimmer Delay time (continued)</b>
						129	0.8s
						130	0.9s
						131	1.0s
						132	1.5s
						133	2.0s
						134	3.0s
						135	4.0s
						136	5.0s
						137	6.0s
						138	7.0s
						139	8.0s
						140	9.0s
						141	10s
						142 - 255	Idle
							<b>Control</b>
						000 - 029	Idle
						030 - 039	Fan Mode Auto
						040 - 049	Fan Mode Silent
						050 - 059	Fan Mode High
						060 - 099	Idle
							<b>Refresh Rate</b>
						100	900 Hz
						101	910 Hz
						102	920 Hz
						103	930 Hz
						104	940 Hz
						105	950 Hz
						106	960 Hz
						107	970 Hz
						108	980 Hz
						109	990 Hz
						110	1000 Hz
						111	1010 Hz
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1ch Dim.	6ch Dim. Color	11ch St.	18ch Ext.	9ch CMY	14ch CMY Ext.		
							<b>Refresh Rates (continued)</b>
						112	1020 Hz
						113	1030 Hz
						114	1040 Hz
						115	1050 Hz
						116	1060 Hz
						117	1070 Hz
						118	1080 Hz
						119	1090 Hz
						120	1100 Hz
						121	1110 Hz
						122	1120 Hz
						123	1130 Hz
						124	1140 Hz
						125	1150 Hz
						126	1160 Hz
						127	1170 Hz
						128	1180 Hz
						129	1190 Hz
						130	1200 Hz
						131	1210 Hz
						132	1220 Hz
						133	1230 Hz
						134	1240 Hz
						135	1250 Hz
						136	1260 Hz
						137	1270 Hz
						138	1280 Hz
						139	1290 Hz
						140	1300 Hz
						141	1310 Hz
						142	1320 Hz
						143	1330 Hz
						144	1340 Hz
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1ch Dim.	6ch Dim. Color	11ch St.	18ch Ext.	9ch CMY	14ch CMY Ext.		
							<b>Refresh Rates (continued)</b>
						145	1350 Hz
						146	1360 Hz
						147	1370 Hz
						148	1380 Hz
						149	1390 Hz
						150	1400 Hz
						151	1410 Hz
						152	1420 Hz
						153	1430 Hz
						154	1440 Hz
						155	1450 Hz
						156	1460 Hz
						157	1470 Hz
						158	1480 Hz
						159	1490 Hz
	6	11	18	9	14	160	1500 Hz
						161	2500 Hz
						162	4000 Hz
						163	5000 Hz
						164	6000 Hz
						165	10,000 Hz
						166	15,000 Hz
						167	20,000 Hz
						168	25,000 Hz
						169 - 200	Idle
							<b>Dimmer Curve</b>
						201 - 210	Linear
						211 - 220	Square
						221 - 230	Inverse Square
						231 - 240	S-Curve
						241 - 255	Idle